1 / 1 WPAT - ©Thomson Derwent - image

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Title :

Two-dimensional high density damage tolerant printed code for encoding biometrics and text, uses Reed-Solomon error correction algorithm to compute error correction information in sub-units of encoded information

Derwent Classes :

T04

Patent Assignee :

(DATA-) DATASTRIP IOM LTD

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GERETY EP; SARDI SG; STREMPSKI RA; SARDL SG; GERETY P; SARDI G; STREMPSKI A

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12

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Patent Number :

WO200051072 A1 20000831 DW2000-53 G06K-019/06 Eng 59p *
AP: 2000WO-US04282 20000218
DSNW: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
DSRW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU200034972 A 20000914 DW2000-63
FD: Based on WO200051072
AP: 2000AU-0034972 20000218

EP1157356 A1 20011128 DW2002-01 G06K-019/06 Eng
FD: Based on WO200051072
AP: 2000EP-0913540 20000218; 2000WO-US04282 20000218
DSR: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

BR200008501 A 20020604 DW2002-46 G06K-019/06
FD: Based on WO200051072
AP: 2000BR-0008501 20000218; 2000WO-US04282 20000218

CN1344399 A 20020410 DW2002-49 G06K-019/06
AP: 2000CN-0805329 20000218

JP2002538530 W 20021112 DW2002-75 G06K-007/10 50p
FD: Based on WO200051072
AP: 2000JP-0601602 20000218; 2000WO-US04282 20000218

US6560741 B1 20030506 DW2003-38 H03M-013/00
AP: 1999US-0256754 19990224

MX2001008579 A1 20030601 DW2004-17 G06K-019/06
FD: Based on WO200051072
AP: 2000WO-US04282 20000218; 2001MX-0008579 20010824

EP1157356 B1 20040818 DW2004-55 G06K-019/06 Eng
FD: Based on WO200051072
AP: 2000EP-0913540 20000218; 2000WO-US04282 20000218
DSR: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

AU-771943 B2 20040408 DW2004-56 G06K-019/06
FD: Previous Publ. AU200034972; Based on WO200051072
AP: 2000AU-0034972 20000218

DE60013101 E 20040923 DW2004-62 G06K-019/06
FD: Based on EP1157356; Based on WO200051072
AP: 2000DE-6013101 20000218; 2000EP-0913540 20000218; 2000WO-US04282 20000218

DE60013101 T2 20050818 DW2005-54 G06K-019/06
FD: Based on EP1157356; Based on WO200051072
AP: 2000DE-0613101 20000218; 2000EP-0913540 20000218; 2000WO-US04282 20000218

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G06K-007/10 G06K-019/06 H03M-013/00 G06K-019/10 H03M-013/03

Abstract :

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NOVELTY - An encoded user data portion is provided in which user data encoded in bit areas are printed or left blank. An error correction information comprising error correction code words is calculated on sub-units of information encoded in encoded user data portion using Reed-Solomon error correction algorithm or convolutional code.
DETAILED DESCRIPTION - Start and stop patterns (125,185) are provided to demarcate printed code (100) from adjacent blank zone surrounding the code during raster scanning. The patterns along with header sections (140,160) provide image information to facilitate decoding of printed code. An INDEPENDENT CLAIM is also included for positive off-line identity verification system.
USE - Two-dimensional high density damage tolerant printed code for encoding biometrics and text for off-line positive identity verification application of human being. Also, for storing finger print templates, photographic information and text.
ADVANTAGE - Decodes and encodes information in encoded user data portion of printed code effectively.
DESCRIPTION OF DRAWING(S) - The figure shows the exploded view of two-dimensional printed code.
Demarcate printed code 100
Start and stop patterns 125,185
Header sections 140,160(Dwg.2B/12)

Manual Codes :

EPI: T04-A02B T04-A03B1

Update Basic :

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2000-63; 2002-01; 2002-46; 2002-49; 2002-75; 2003-38; 2004-17; 2004-55; 2004-56; 2004-62; 2005-54

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